

BOOK NOTICES

Systematics/Monographs/Floras/Guides

S.S. KHARKEVICH (chief ed.) and N.N. TZVELEV (vol. ed.). 2003. **Vascular Plants of the Russian Far East. Volume 1: Lycopodiophyta, Juncacaceae, Poaceae (Gramineae).** (ISBN 0-8093-2421-0, pbk.) Science Publishers, Inc. c/o Enfield Distribution Co., 234 May Street, P.O. Box 699, Enfield, NH 03748, U.S.A. (Orders: 603-632-7377, 603-632-5611 fax, <http://www.scipub.net>, sales@scipub.net, complete catalog at info@scipub.net/catalog). \$165.00, 506 pp, 26 plates of b/w drawings, 162 maps, 6" × 9 1/2".

This volume is actually a translation of *Sosudistye rasteniya sovetskogo Dalnego Vostoka*, 1985. There are keys to genera and species. Species descriptions include name and nomenclatural citation, Russian name, morphological description, chromosome number, and distribution by region followed by ecology, sporing/flowering time, economic uses, and notes on conservation. Running heads with family/genus would have been nice; the index does work.

DOUGLAS J. FUTUYMA, H. BRADLEY SHAFFER, and DANIEL SIMBERLOFF (eds). 2002. **Annual Review of Ecology and Systematics: Volume 33, 2002.** (ISBN 0-8243-1433-6, hbk; ISSN 0066-4162). Annual Reviews Inc., 4139 El Camino Way, P.O. Box 10139, Palo Alto, CA 94303-0139, U.S.A. (Orders: www.AnnualReviews.org, 800-523-8635, 650-493-4400, 650-424-0910 fax). \$145.00 (USA), \$150.00 (Int'l.), 828 pp., 6" × 9".

Volume 33 of *Annual Review of Ecology and Systematics* contains a mix 25 articles: **Saproxyllic Insect** Ecology and the Sustainable Management of Forests; **Conus** Venom Peptides: Reflections from the Biology of Clades and Species; **Troubleshooting** Molecular Phylogenetic Analyses; **The Early Radiations** of Cetacea (Mammalia): Evolutionary Pattern and Developmental Correlations; **The Mesozoic** Radiation of Birds; **Plant Ecological** Strategies: Some Leading Dimensions of Variation Between Species; **Reproductive** Protein Evolution; **The Causes** and Consequences of Ant Invasions; Gulf of Mexico Hypoxia, a.k.a. "the Dead Zone"; **The (Super) Tree** of Life: Procedures, Problems, and Prospects; **Homogenization** of Freshwater Faunas; **The Renaissance** of Community-Based Marine Resource Management in Oceania; **Nutrient** Cycling by Animals in Freshwater Ecosystems; **Effects of Uv-B** Radiation on Terrestrial and Aquatic Primary Producers; **The Evolution** and Maintenance of Androdioecy; **Mast Seeding** in Perennial Plants: Why, How, Where?; **Disturbance** to Marine Benthic Habitats by Trawling and Dredging: Implications for Marine Biodiversity; **Phylogenies** and Community Ecology; **Stable Isotopes** in Plant Ecology; **The Quality** of the Fossil Record: Implications for Evolutionary Analyses; **Neopolyploidy** in Flowering Plants; **Herbivore** Offense; **The Pacific Salmon** Wars: What Science Brings to the Challenge of Recovering Species; **Estimating Divergence** Times from Molecular Data on Phylogenetic and Population Genetic Timescales; **The Fate of Clades** in a World of Recurrent Climatic Change: Milankovitch Oscillations and Evolution.

Each volume has a Subject Index, Cumulative Index of Contributing Authors (vols. 29–33) and Cumulative Index of Chapter Titles (vols. 29–33).